



PRODUCT SPECIFICATION

Product Name	Undaria pinnatifida PE 10% (FucoPure®)
Plant Part	Dried leaf
Herb to Extract Ratio	20:1
Extraction Medium	Hydro alcohol
Description	Green colored dry powder.
Best before	4 Yr From Mfg

SPECIFIED TEST	LIMITS	PROTOCOL OF ANALYSIS
1) Physiochemical Analysis		
Identification	BY TLC	As per IHP
Solubility in	< Alcohol NLT 30%	As per IHP
pH of w/v suspension	3 - 7	As per API
Loss On Drying (Moisture)	< 7% W/W	As per API
Excipient	> 5%	Maltodextrin BP
Bulk density	0.6 - 0.9 gm/ml	As per BP/USP
Heavy Metals content	< 20 ppm	By AAS
Arsenic (As)	<1ppm	By AAS
Plumbum (Pb)	<3.0ppm	By AAS
Cadmium (Cd)	<0.3ppm	By AAS
Mercury (Hg)	< 0.1 ppm	By AAS
Iodine (I2)	< 1.0 ppm	As per BP
2) Microbiological		
Total Viable Aerobic Count	<5,000 Cfug	as per I.P / B.P

Total Fungal Count	<100 Cfu/g	as per I.P / B.P
Total Enterobacteriaceae	<100 Cfu/g	As per B.P
E. coli	Negative	as per I.P / B.P
Salmonella typhii	Negative	as per I.P / B.P
S. aureus	Negative	as per I.P / B.P
3) Phytochemical Analysis		
Fucoxanthin	>10.0 % w/w	By HPLC

1. Storage Condition : Store in dry & Cool place below Room temperature
